

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6821347").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/11/13 10:58
L2	86	("20010011526"   "20010045187"   "20020007790"   "20020043216"   "20020052097"   "20020073924"   "20020076490"   "20020076507"   "20020076508"   "20020094689"   "20020100418"   "20020104481"   "20020108714"   "20020127745"   "20020144655"   "20020162506"   "20020164420"   "20020195056"   "20020197402"   "20030023338"   "20030027428"   "20030027431"   "20030066483"   "20030070609"   "20030070617"   "20030070618"   "20030075273"   "20030079686"   "20030098372"   "20030098419"   "20030106490"   "20030121608"   "20030192645"   "5131752"   "5200023"   "5377429"   "5480818"   "5589002"   "5599513"   "5643394"   "5788778"   "5792269"   "5851849"   "5879459"   "5908947"   "5932286"   "5968587"   "5972430"   "6042652"   "6059885"   "6079426"   "6109206"   "6139700"   "6143659"   "6144060"   "6174377"   "6174809"   "6203613"   "6237529"   "6270572"   "6287965"   "6297539"   "6305314"   "6329297"   "6342277"   "6346477"   "6374831"   "6387185"   "6387207"   "6428859"   "6450117"   "6451119"   "6461436"   "6503330"   "6509280"   "6534007"   "6534395"   "6540838"   "6551929"   "6562140"   "6573184"   "6579372"   "6579374"   "6630201"   "6635965"   "6638879").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:34
L3	6	((("6,849,241") or ("5,532,190") or ("5,950,925"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/11/13 10:58
L4	26	("3854443"   "4810322"   "4980204"   "5269847"   "5453124").PN. OR ("5532190").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:58
L5	59	("20020188417"   "20030011786"   "4611919"   "4842683"   "4867841"   "4924807"   "4931135"   "4935661"   "4953982"   "4960488"   "4980204"   "5070814"   "5084126"   "5244501"   "5252178"   "5269847"   "5372673"   "5389197"   "5405488"   "5427878"   "5453124"   "5522934"   "5532190"   "5556521"   "5589002"   "5592358"   "5614026"   "5624498"   "5653808"   "5683517"   "5683548"   "5720818"   "5767628"   "5772771"   "5814153"   "5819434"   "5882417"   "5910011"   "5913102"   "5963329"   "5976308"   "5980686"   "5997950"   "6001267"   "6012478"   "6015465"   "6090210"   "6108189"   "6113984"   "6159297"   "6170428"   "6179924"   "6185839"   "6303507"   "6333272"   "6350390"   "6364957"   "6388253"   "6403491"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 11:00
L6	5	("5843847"   "5870271"   "5888309"   "6165910"   "6230651").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 11:15
L7	29	(showerhead with (hole and angle)) and (wafer or substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/11/13 11:16
L8	1180	((hole with (angle and gas))) and (wafer or substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/11/13 11:32
L9	2	("4661203").PN. OR ("5200016").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 11:49

## EAST Search History

L10	200	8 and (window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/11/13 11:58
L11	2	("5599513").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/11/13 11:58
L12	46	(US-6013155-\$ or US-6230651-\$ or US-4439401-\$ or US-5935373-\$ or US-6070551-\$ or US-6500314-\$ or US-6190495-\$ or US-6076483-\$ or US-5916455-\$ or US-5024716-\$ or US-4989541-\$ or US-4147571-\$ or US-6214162-\$ or US-5571366-\$ or US-6270862-\$ or US-6106737-\$ or US-6221221-\$ or US-5900103-\$ or US-6237526-\$ or US-5567267-\$ or US-6132805-\$ or US-6042687-\$ or US-5104634-\$ or US-6403491-\$ or US-6391148-\$ or US-4943345-\$).did. or (US-5734143-\$ or US-5897059-\$ or US-5356672-\$ or US-4992301-\$ or US-4270999-\$ or US-5421595-\$ or US-5994662-\$ or US-5851558-\$ or US-6077357-\$ or US-6475571-\$ or US-6821347-\$ or US-6450117-\$ or US-6829056-\$ or US-5453124-\$ or US-5522934-\$ or US-6001267-\$ or US-6800139-\$ or US-6444039-\$ or US-5200016-\$ or US-5338363-\$).did.	USPAT	OR	ON	2007/11/13 11:59